

Programming 2A (PROG6221)

Take Home Exam

Group No: 1

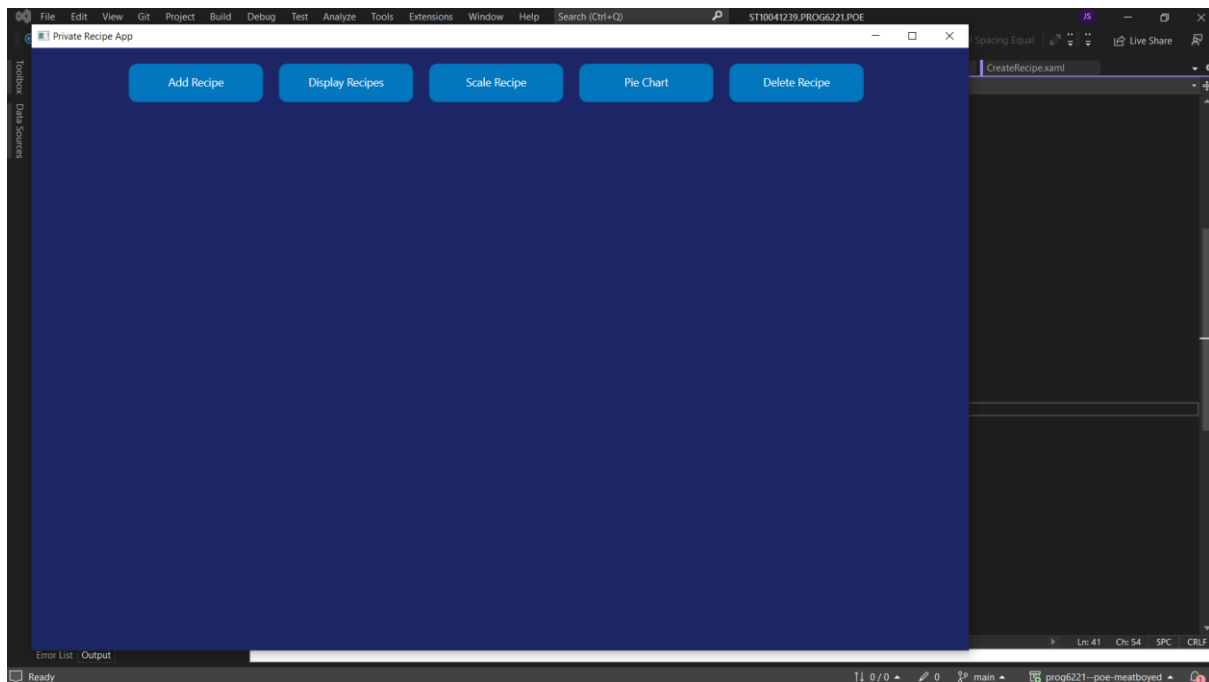
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Introduction:

After following the steps in the ReadMe file you'll be presented with the Home Page of the Application (The Main Window)



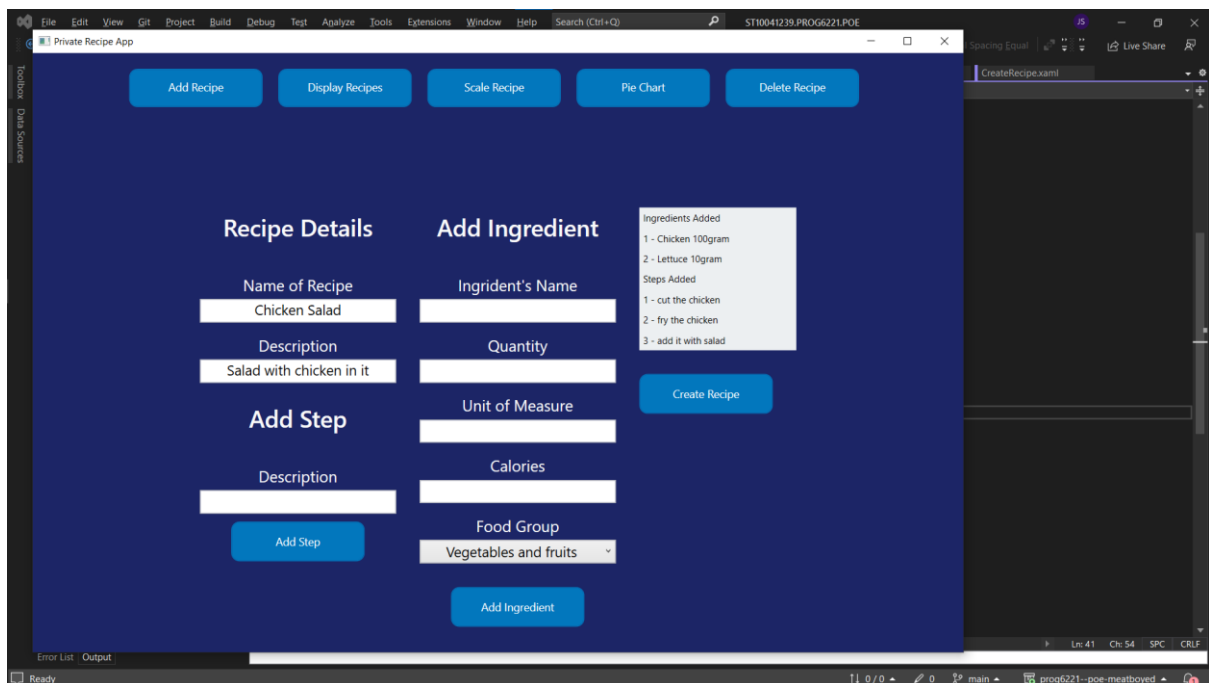
Creating A New Recipe:

To add a Recipe, click on the Add Recipe button in the Navigation Bar.

This will navigate the Frame to the Create Recipe Form, in which you can fill:

- The core Recipe Details (Recipe Name + Description).
- Step Description, click “Add Step” to add it.
- Ingredients details, click “Add Ingredient” to add it.

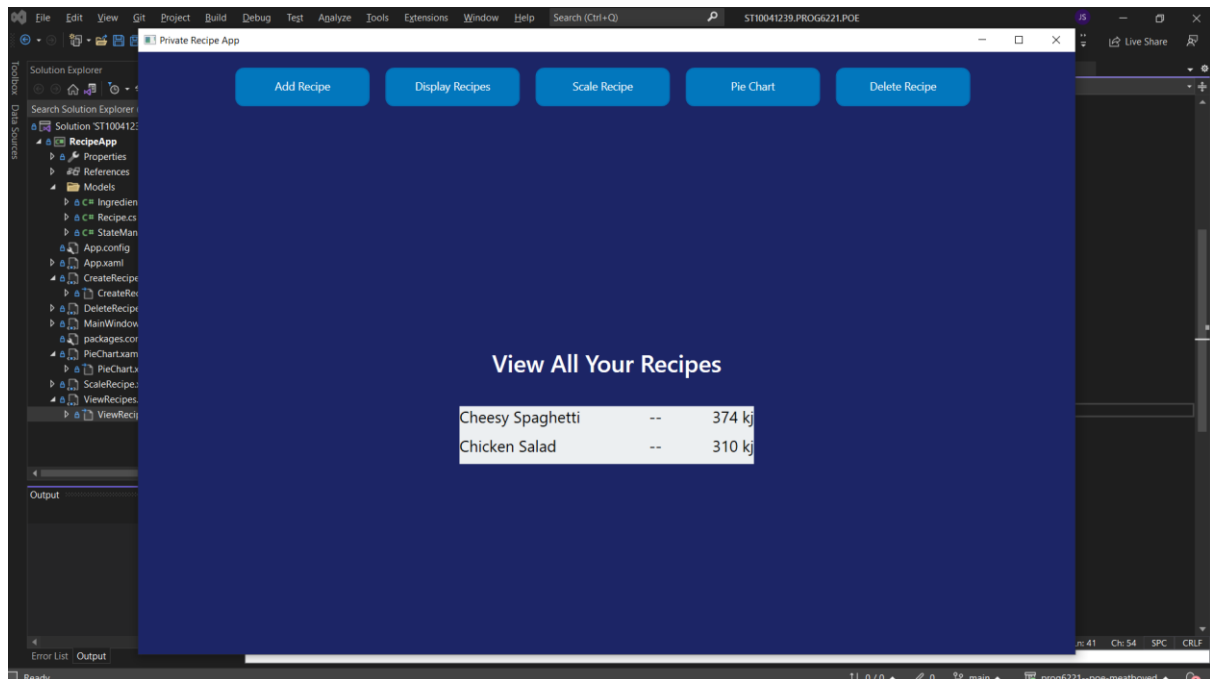
After adding all the Steps and Ingredients you can click “Create Recipe” to create and add the recipe to the project.



Displaying Recipe:

To view your Recipes, click on the “Display Recipes” button in the Navigation bar.

Within this table you are able to see your added Recipe’s, and their total Calories.



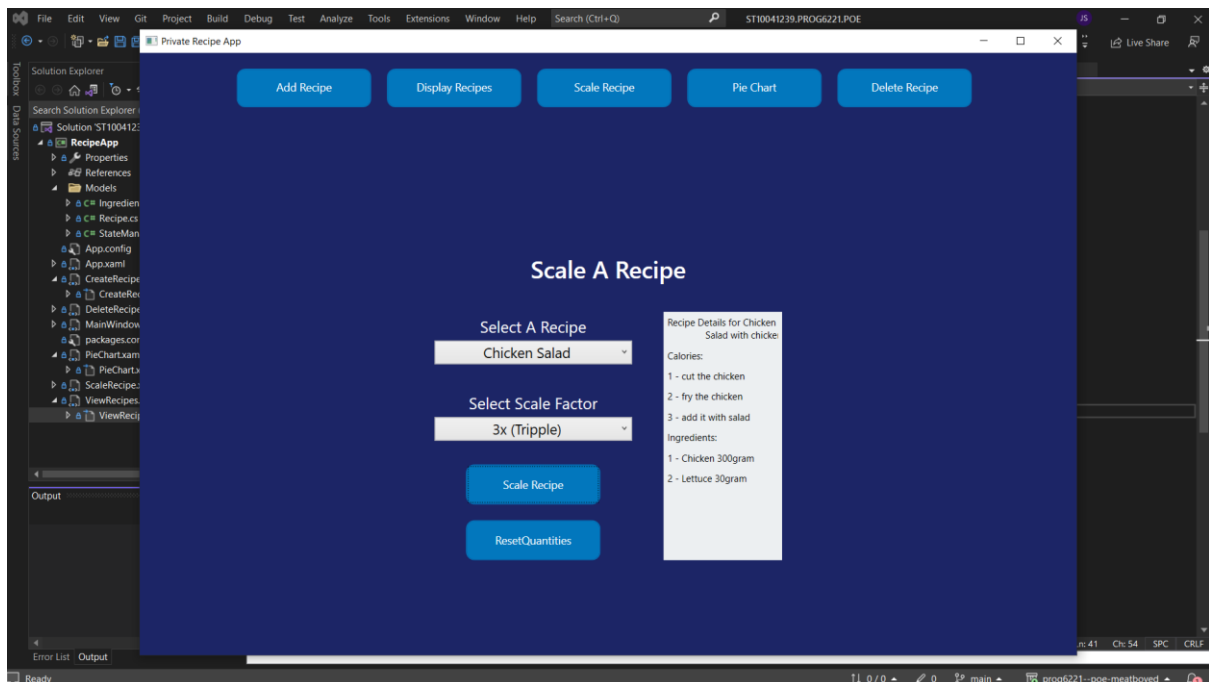
Scale Recipe:

To scale a recipe, click on the “Scale Recipe” button in the Navigation bar.

Within this window you are required to:

- Select a created Recipe with the Combo box.
- Select a Scale Factor with the Combo box.
- Click “Scale Recipe” button to Scale the Recipe.

Once all values are entered, the newly scaled Recipe will be printed out with the new Ingredient’s quantities scaled.

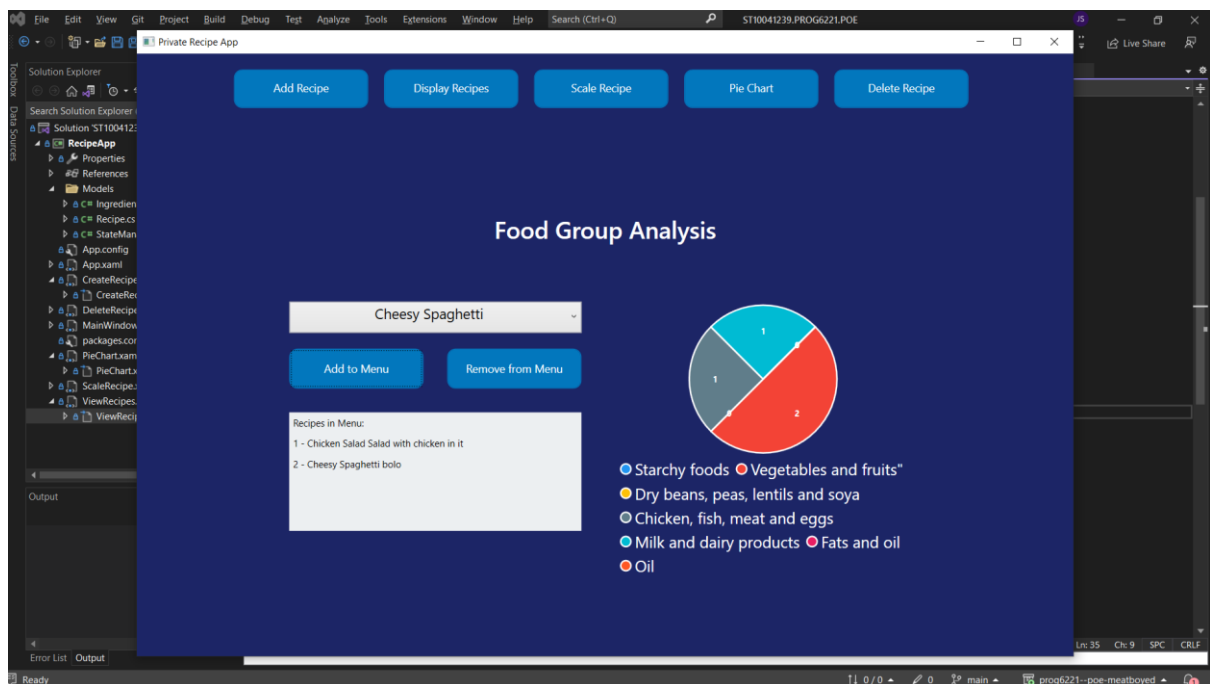


Menu Analysis:

To add recipes to a menu and analysis their food groups, click on the “Pie Chart” button in the Navigation bar. Within this window you are required to:

- Select a created Recipe to add to the menu with the Combo box.
- Click “Add Recipe” button to Add the Recipe to the Menu.

The Pie Chart to the right will update automatically with each Recipe added, and I’ve added the feature to hover over each sector to view more in-depth analysis.



Delete Recipe:

To Delete a Recipe to a menu, click on the “Delete Recipe” button in the Navigation bar. Within this window you are required to:

- Select a created Recipe with the Combo box.
- Click “Delete Recipe” button to Delete the Recipe from the Program

It's recommended to go back to Display Recipe to ensure it's removed from the Program's State Manager.

